

Figure 1

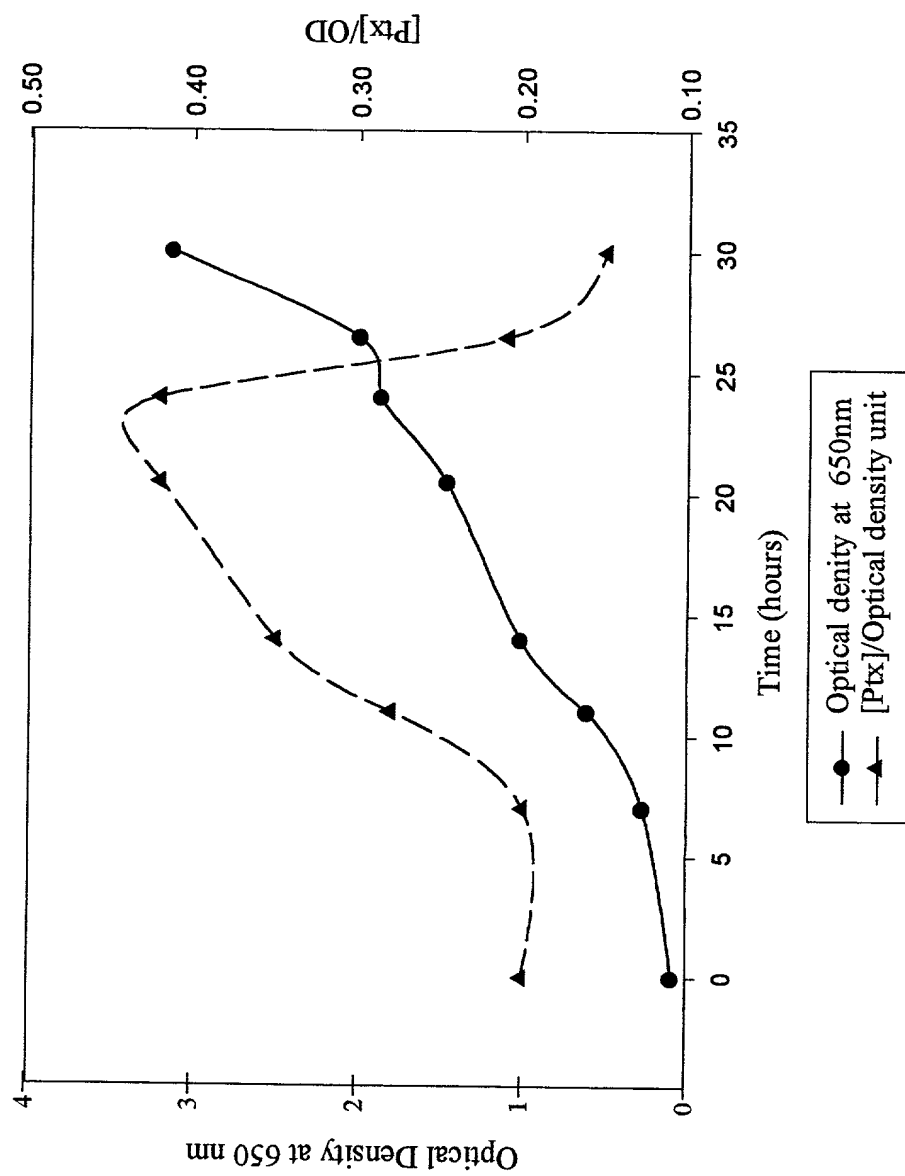


Figure 2

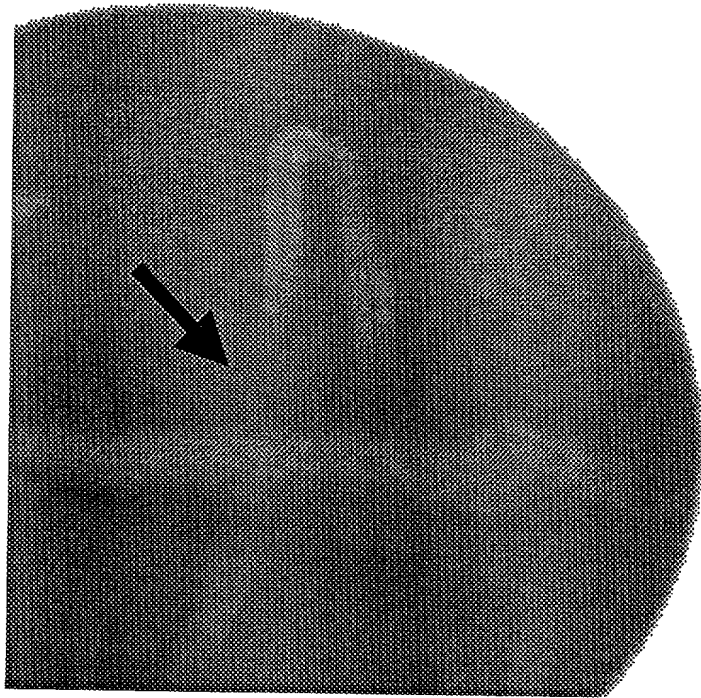


Figure 3

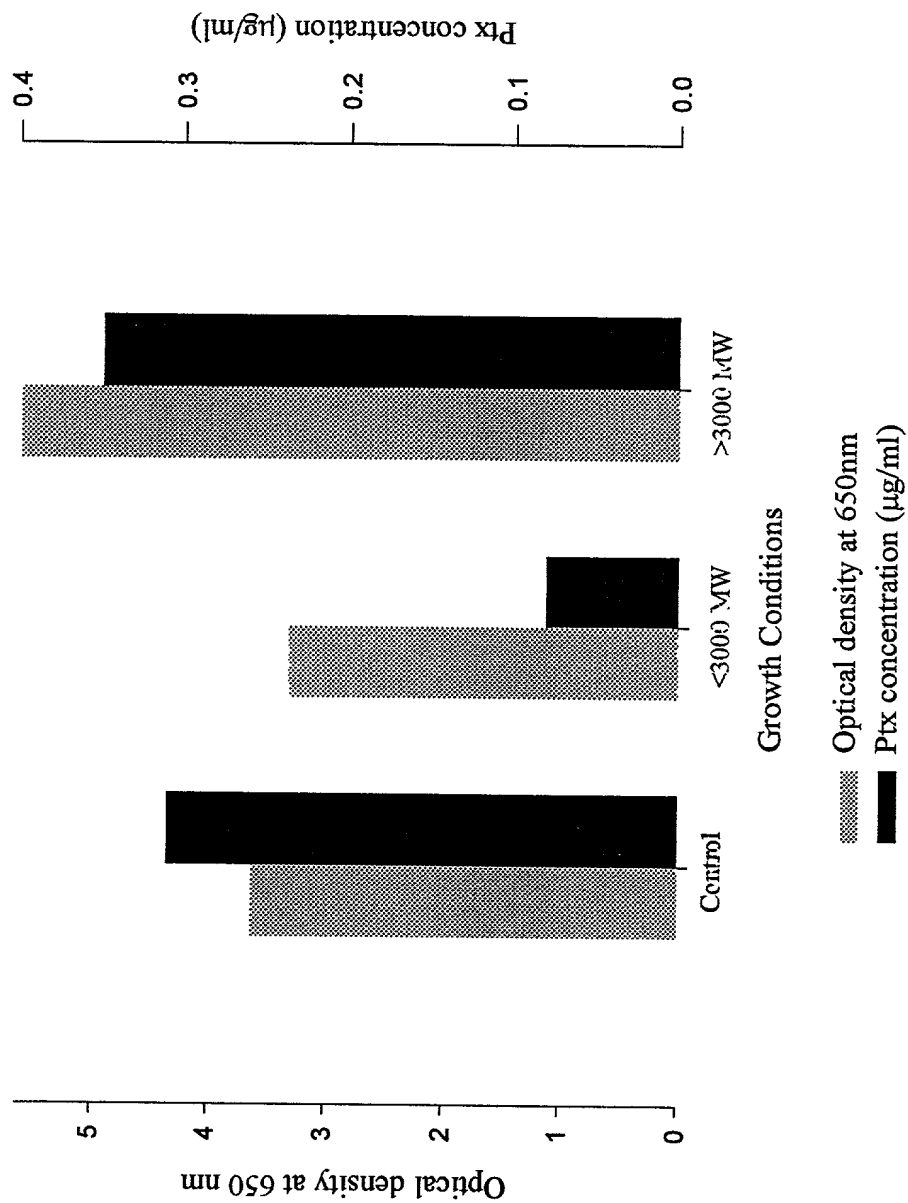


Figure 4A

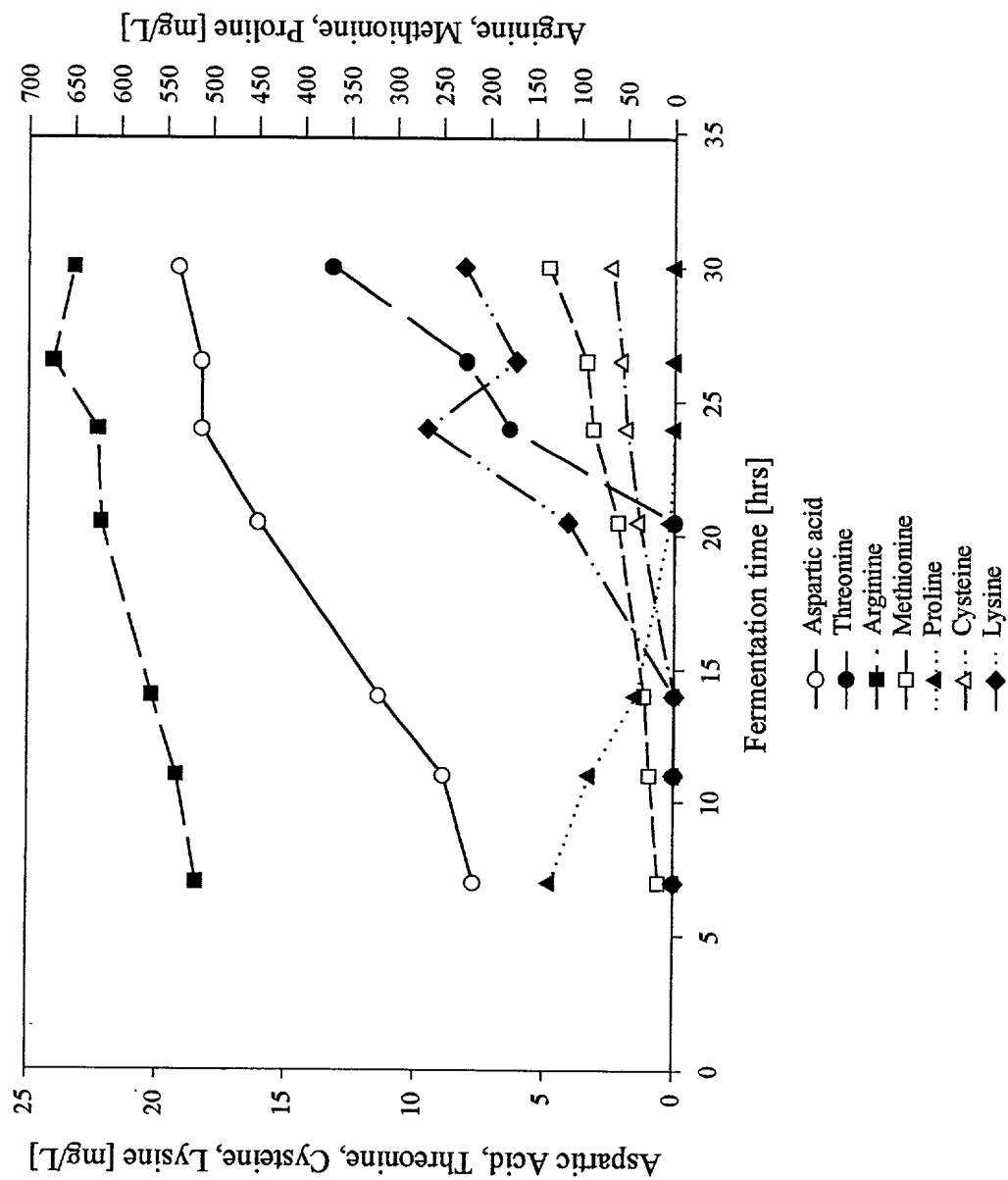




Figure 5

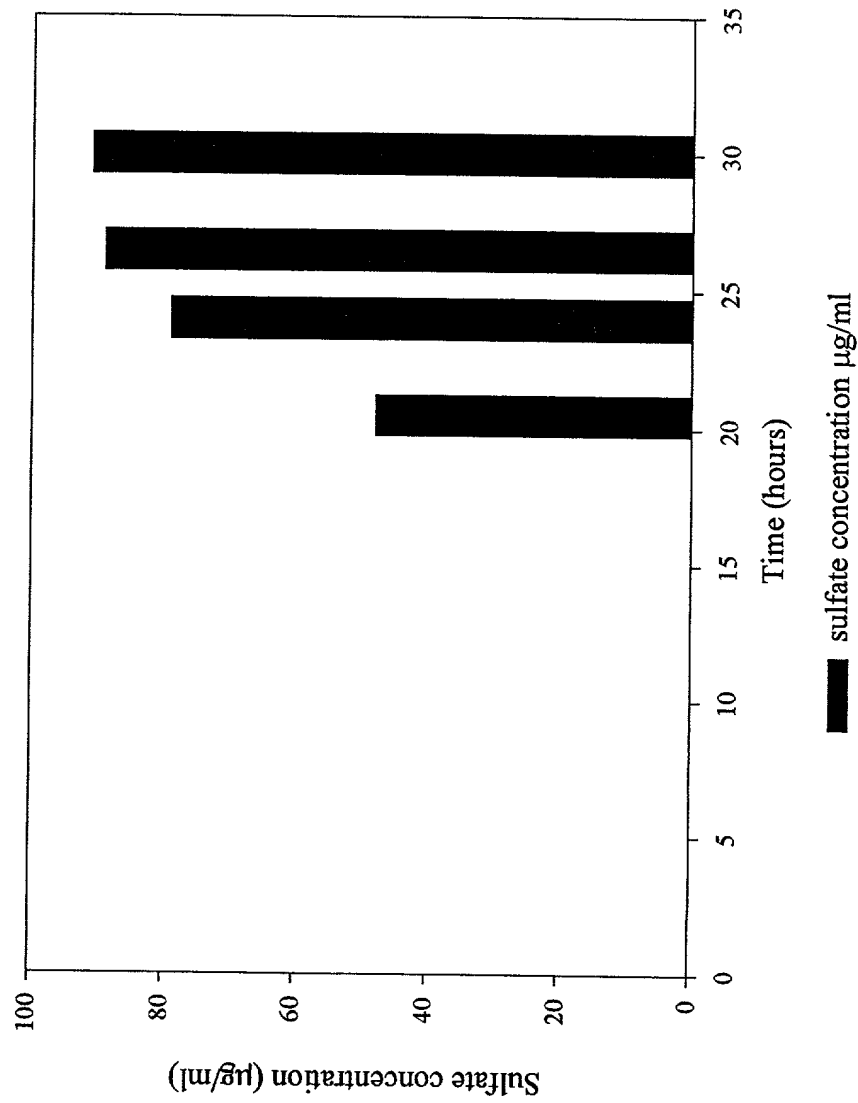
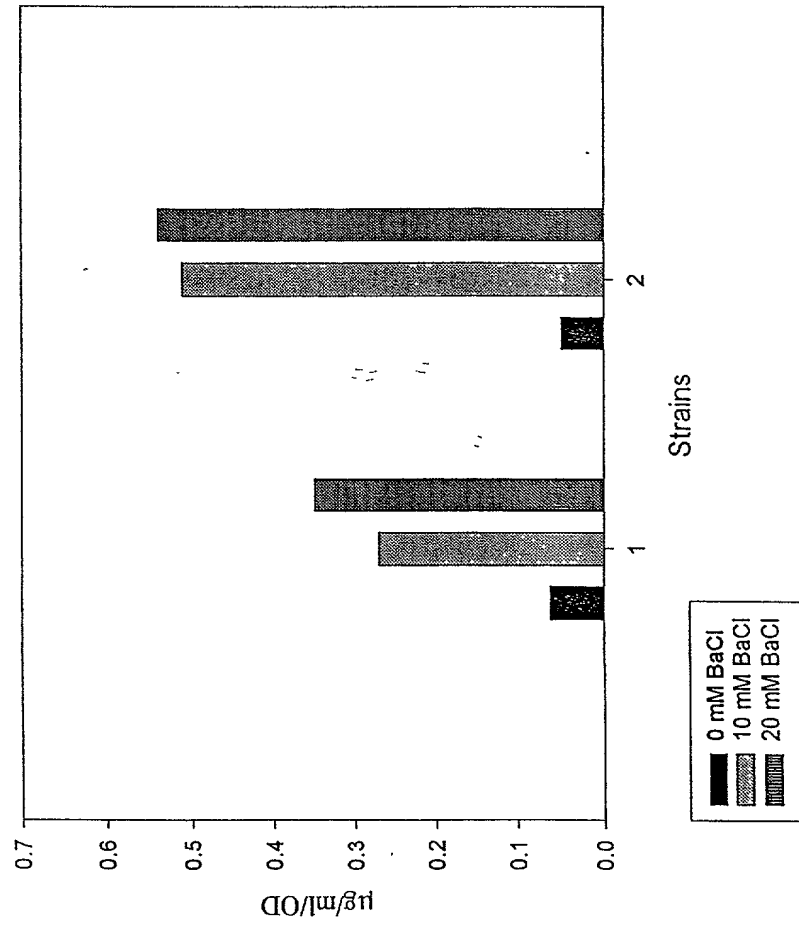


Figure 6



[illegible]

			10	20	30	40	50	
DSFBP314.AMI	1	MSNRPIYLDY	SATTPVDPVS	VEKMIPWLYE	SFGNPASRS	H AFGWEAEDAV		50
DSFBP536.AMI	1	MSNRPIYLDY	SATTPVDPVS	VEKMIPWLYE	SFGNPASRS	H AFGWEAEDAV		50
		60	70	80	90	100		
DSFBP314.AMI	51	EKAREEVAKL	VNADPREIVW	TSGATESDNL	AIKGAANFYA	ERGKHIIITVK		100
DSFBP536.AMI	51	EKAREEVAKL	VNADPREIVW	TSGATESDNL	AIKGAANFYA	ERGKHIIITVK		100
		110	120	130	140	150		
DSFBP314.AMI	101	TEHKAVIDTC	RELERQGFVE	TYLDVQDDGL	LSLDAFKAAL	RPDITILSVSM		150
DSFBP536.AMI	101	TEHKAVIDTC	RELERQGFVE	TYLDVQDDGL	LSLDAFKAAL	RPDITILSVSM		150
		160	170	180	190	200		
DSFBP314.AMI	151	MVNNEIGVIQ	DIAALGEICR	EKGIIHFVDA	AQATGKVEID	LQKLKVDLMS		200
DSFBP536.AMI	151	MVNNEIGVIQ	DIAALGEICR	EKGIIHFVDA	AQATGKVEID	LQKLKVDLMS		200
		210	220	230	240	250		
DSFBP314.AMI	201	FSAHKTYGPK	GIGALYVRRK	PRVRIEAQMH	GGGHERGF	R GTLATHQIVG		250
DSFBP536.AMI	201	FSAHKTYGPK	GIGALYVRRK	PRVRIEAQMH	GGGHERGF	R GTLATHQIVG		250
		260	270	280	290	300		
DSFBP314.AMI	251	MGEAFRLARE	EMGTENERVR	MLRDRLLAGL	TQIEEVYVNG	SMEHRVPHNL		300
DSFBP536.AMI	251	MGEAFRLARE	EMGTENERVR	MLRDRLLAGL	TQIEEVYVNG	SMEHRVPHNL		300
		310	320	330	340	350		
DSFBP314.AMI	301	NISFNYYVEG	SLIMAIKELA	VSSGSACTSA	SLEPSYVLRA	LGRNDELAHS		350
DSFBP536.AMI	301	NISFNYYVEG	SLIMAIKELA	VSSGSACTSA	SLEPSYVLRA	LGRNDELAHS		350
		360	370	380	390	400		
DSFBP314.AMI	351	SIRFTTLGRFT	TEQEIDFTIE	LIKSRVGKLR	DMSPLWEMAQ	EGIDLNSVQW		400
DSFBP536.AMI	351	SIRFTTLGRFT	TEQEIDFTIE	LIKSRVGKLR	DMSPLWEMAQ	EGIDLNSVQW		400
		410	420	430	440	450		
DSFBP314.AMI	401	AAH*	.....	.....	.....	.....		450
DSFBP536.AMI	401	AAH*	.....	.....	.....	.....		450
		10	20	30	40	50		
DSF314.DNA	1	ATGAGCAATC	GCCCCATCTA	CCTGGACTAC	TCGGCTACCA	CGCCGGTCCA		50
DSF536F1.DNA	1	ATGAGCAATC	GCCCCATCTA	CCTGGACTAC	TCGGCTACCA	CGCCGGTCCA		50
DSF536R1.DNA	1	-----	-----	-----	-----	-----		50
DSF53611.DNA	1	-----	-----	-----	-----	-----		50
DSF53612.DNA	1	-----	-----	-----	-----	-----		50
		60	70	80	90	100		
DSF314.DNA	51	CCCGAGCGTG	GTCGAGAAAA	TGATTCCCTG	GTTGTACGAG	AGTTTCGGCA		100
DSF536F1.DNA	51	CCCGAGCGTG	GTCGAGAAAA	TGATTCCCTG	GTTGTACGAG	AGTTTCGGCA		100
DSF536R1.DNA	51	-----	-----	-----	-----	-----		100
DSF53611.DNA	51	-----	-----	-----	-----	-----		100
DSF53612.DNA	51	-----	-----	-----	-----	-----		100
		110	120	130	140	150		
ESF314.DNA	101	ATCCGCCTC	GCGCAGCCAC	GCCTTTGGCT	GGGAAGCCGA	GGACCGGGTC		150
DSF536F1.DNA	101	ATCCGCCTC	GCGCAGCCAC	GCCTTTGGCT	GGGAAGCCGA	GGACCGGGTC		150
DSF536R1.DNA	101	-----	-----	-----	-----	-----		150
DSF53611.DNA	101	-----	-----	-----	-----	-----		150
DSF53612.DNA	101	-----	-----	-----	-----	-----		150
		160	170	180	190	200		
DSF314.DNA	151	GAGAAGGCC	GCGAGGAAGT	TGCCAAGCTG	GTCACGCGC	ATCCGCGCGA		200
DSF536F1.DNA	151	GAGAAGGCC	GCGAGGAAGT	TGCCAAGCTG	GTCACGCGC	ATCCGCGCGA		200
DSF536R1.DNA	151	-----	-----	-----	-----	-----		200
DSF53611.DNA	151	-----	-----	-----	-----	-----		200
DSF53612.DNA	151	-----	-----	-----	-----	-----		200
		210	220	230	240	250		
DSF314.DNA	201	GATCGTCTGG	ACTTCCGGCG	CTACCGAGTC	GGACAACCTG	GCCATCAAGG		250
DSF536F1.DNA	201	GATCGTCTGG	ACTTCCGGCG	CTACCGAGTC	GGACAACCTG	GCCATCAAGG		250
DSF536R1.DNA	201	-----	-----	-----	-----	-----		250
DSF53611.DNA	201	-----	-----	-----	-----	-----		250
DSF53612.DNA	201	-----	-----	-----	-----	-----		250
		260	270	280	290	300		
DSF314.DNA	251	GCGCGCGCAA	TTTCTACGCC	GAGCGCGGCA	AGCACATCAT	TACCGTCAAG		300
DSF536F1.DNA	251	GCGCGCGCAA	TTTCTACGCC	GAGCGCGGCA	AGCACATCAT	TACCGTCAAG		300
DSF536R1.DNA	251	-----	-----	-----	-----	-----		300
DSF53611.DNA	251	-----	-----	-----	-----	-----		300





	860	870	880	890	900	
DSF314.DNA	851	AGGAAGTGTA	TGTGAACGGC	AGCATGGAGC	ACCGCGTGCC	GCACAACCTG 900
DSF536F1.DNA	851	-----	-----	-----	-----	900
DSF536R1.DNA	851	AGGAAGTGTA	TGTGAACGGC	AGCATGGAGC	ACCGCGTGCC	GCACAACCTG 900
DSF53611.DNA	851	AGGAAGTGTA	TGTGAACGGC	AGCATGGAGC	ACCGCGTGCC	GCACAACCTG 900
DSF53612.DNA	851	-----	-----	-----	-----	900
	910	920	930	940	950	
DSF314.DNA	901	AACATCAGCT	TCAACTATGT	CGAGGGCGAG	TCTCTGATCA	TGGCGATCAA 950
DSF536F1.DNA	901	-----	-----	-----	-----	950
DSF536R1.DNA	901	AACATCAGCT	TCAACTATGT	CGAGGGCGAG	TCTCTGATCA	TGGCGATCAA 950
DSF53611.DNA	901	AACATCAGCT	TCAACTATGT	CGAGGGCGAG	TCTCTGATCA	TGGCGATCAA 950
DSF53612.DNA	901	-----	-----	-----	-----	950
	960	970	980	990	1000	
DSF314.DNA	951	GGAGCTGGCC	GTTTCCAGCG	GTTTCGGCCTG	CACGTCGGCC	AGCCTGGAGC 1000
DSF536F1.DNA	951	-----	-----	-----	-----	1000
DSF536R1.DNA	951	GGAGCTGGCC	GTTTCCAGCG	GTTTCGGCCTG	CACGTCGGCN	AGCCTGGAGC 1000
DSF53611.DNA	951	GGAGCTGGCC	GTTTCCAGCG	GTTTCGGCCTG	CACGTCGGC-	----- 1000
DSF53612.DNA	951	-----	-----	-----	-----	1000
	1010	1020	1030	1040	1050	
DSF314.DNA	1001	CGTCCTATGT	GCTGCGCGCG	CTGGGCGCGCA	ACGACGAGCT	GGCGCACAGC 1050
DSF536F1.DNA	1001	-----	-----	-----	-----	1050
DSF536R1.DNA	1001	CGTCCTATGT	GCTGCGCGCG	CTGGGCGCGCA	ACGACGAGCT	GGCGCACAGC 1050
DSF53611.DNA	1001	-----	-----	-----	-----	1050
DSF53612.DNA	1001	-----	-----	-----	-----	1050
	1060	1070	1080	1090	1100	
DSF314.DNA	1051	TCCATCCGCT	TTACCCCTGGG	CCGCTTCACG	ACCGAACAGG	AAATCGACTT 1100
DSF536F1.DNA	1051	-----	-----	-----	-----	1100
DSF536R1.DNA	1051	TCCATCCGCT	TTACCCCTGGG	CCGCTTCACG	ACCGAACAGG	AAATCGACTT 1100
DSF53611.DNA	1051	-----	-----	-----	-----	1100
DSF53612.DNA	1051	-----	-----	-----	-----	1100
	1110	1120	1130	1140	1150	
DSF314.DNA	1101	CACGATCGAA	CTGATCAAGA	GTCGTGTCGG	CAAGCTGCGC	GATATGTCGC 1150
DSF536F1.DNA	1101	-----	-----	-----	-----	1150
DSF536R1.DNA	1101	CACGATCGAA	CTGATCAAGA	GTCGTGTCGG	CAAGCTGCGC	GATATGTCGC 1150
DSF53611.DNA	1101	-----	-----	-----	-----	1150
DSF53612.DNA	1101	-----	-----	-----	-----	1150
	1160	1170	1180	1190	1200	
DSF314.DNA	1151	CGTTGTGGGA	AATGGCCCAG	GAAGGCATTG	ATCTGAATTC	CGTGCAGTGG 1200
DSF536F1.DNA	1151	-----	-----	-----	-----	1200
DSF536R1.DNA	1151	CGTTGTGGGA	AATGGCCCAG	GAAGGCATTG	ATCTGAATTC	CGTGCAGTGG 1200
DSF53611.DNA	1151	-----	-----	-----	-----	1200
DSF53612.DNA	1151	-----	-----	-----	-----	1200
	1210	1220	1230	1240	1250	
DSF314.DNA	1201	GCCGCGCACT	GA.....	.....	.....	1250
DSF536F1.DNA	1201	-----	-----	-----	-----	1250
DSF536R1.DNA	1201	GCCGCGCACT	GA.....	.....	.....	1250
DSF53611.DNA	1201	-----	-----	-----	-----	1250
DSF53612.DNA	1201	-----	-----	-----	-----	1250

Figure 8A

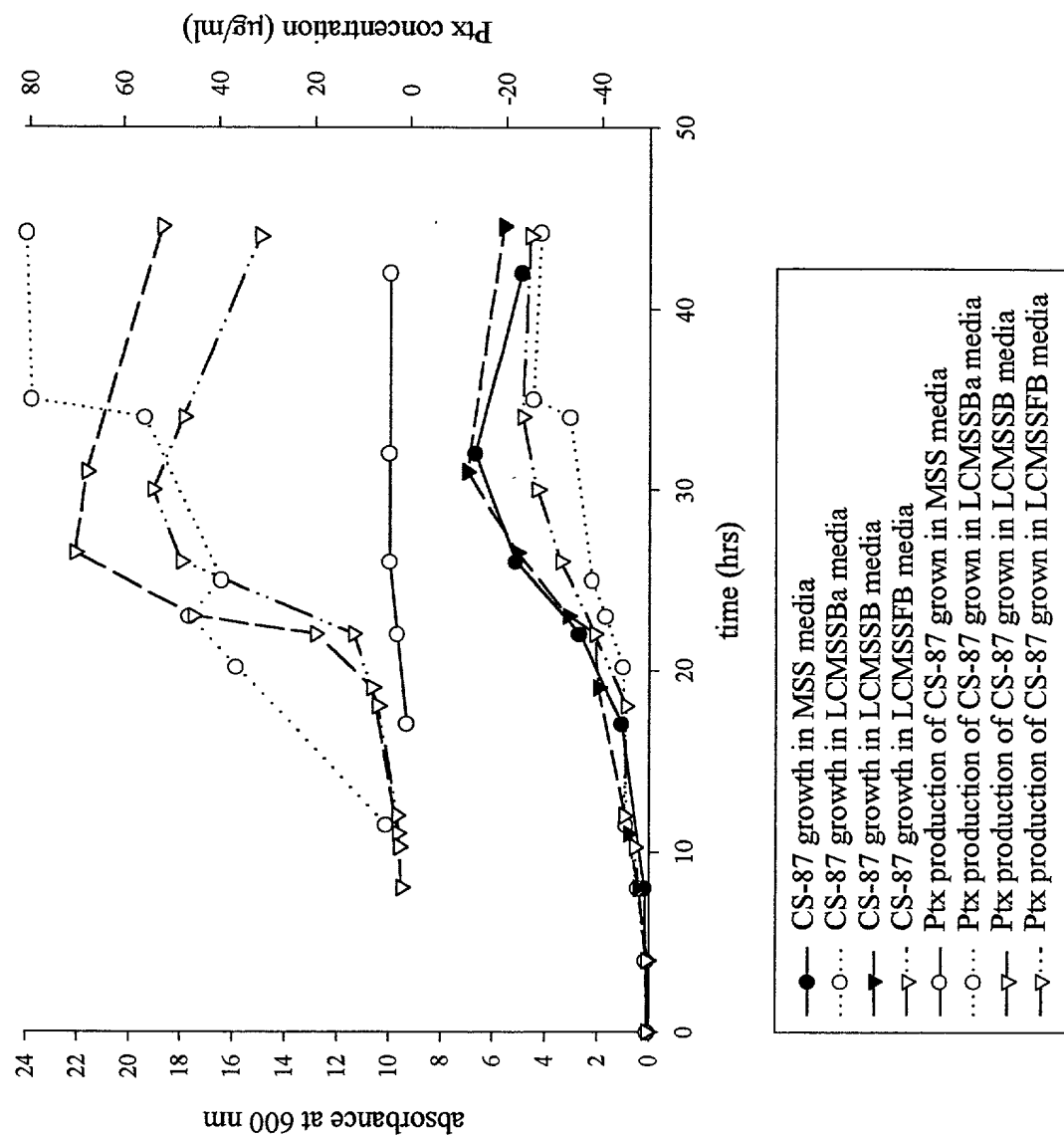


Figure 8B

